

WHAT IS CLAIMED IS:

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3 *Sub a1* → 1. A computer-readable, signal-bearing medium containing a program for
4 rendering an electronic document to a display, wherein the program, when read and
5 executed by a computer, comprises steps of:
6 getting an electronic address associated with the electronic document;
7 evaluating a data structure to determine if the data structure contains a user
8 interaction entry relating to an element on the electronic address;
9 if the data structure contains the user interaction entry, determining if the
10 element exists on the electronic document; and
11 if the element exists, rendering the electronic document to the display so that the
12 element is viewable on the display.

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14 2. The computer-readable, signal-bearing medium of claim 1 wherein the user
15 interaction entry is associated with a user interaction selected from the group consisting
16 of a table interaction entry, a link interaction entry, a data entered interaction entry, and
17 a scrolling interaction entry.

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19 3. The computer-readable, signal-bearing medium of claim 1 wherein the data
20 structure further includes a time entry relating to time spent at the user interaction field.

21
22 4. A computer-readable, signal-bearing medium containing a program for
23 rendering an electronic document to a display, wherein the program, when read and
24 executed by a computer, comprises steps of:
25 getting an electronic address associated with the electronic document;
26 evaluating a first data structure to determine if the first data structure
27 contains an entry indicating whether a selected type of user interaction has occurred
28 with the electronic document, and
29 if the first data structure includes the entry, evaluating a second data structure to
30 determine if the second data structure contains a second user interaction entry, and
31 if the second data structure does not contain the first user interaction entry,
32 evaluating if a third data structure contains a third user interaction entry, and
33 if the third data structure contains the third user interaction entry;
34 rendering the electronic document to the display so that an element on the

1 electronic document associated with the third user interaction entry is viewable on the
2 display.

3
4 5. A method for rendering a document to be displayed on a networked display
5 device, the method comprising:

6 retrieving an electronic document according to a network address;

7 determining if an entry associated with the electronic document exists in a data
8 structure, the entry including at least a user interaction field;

9 if the entry exists, determining if the user interaction field appears on the
10 electronic document; and

11 if the user interaction field appears on the electronic document, rendering a page
12 to display the user interaction field in a viewable area of the networked display device.

13
14 6. The method of claim 5, prior to the rendering step, further comprising steps
15 of:

16 removing the user interaction field from a current location on the electronic
17 document; and,

18 moving the user interaction field to a top portion of the viewable area.

19
20 7. The method of claim 5 further comprising, after the rendering step, of:

21 getting a second entry from the data structure, the second entry including a
22 second user interaction field;

23 determining if the second user interaction field exists on the electronic
24 document;

25 if the second user interaction field appears on the electronic document, moving
26 the second user interaction field from a second current location on the page; and

27 rendering the page to display the second user interaction field above the user
28 interaction field.

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30 8. The method of claim 7 wherein a first count associated with the entry is
31 stored in the data structure and a second count associated with the second entry is stored
32 in the data structure, the second count being greater than the first count.

33
34 9. The method of claim 7 wherein the entry and the second entry are stored in

1 the data structure according to a first count and a second count, the second count being
2 equal to the first count, the entry further including a first time value and the second
3 entry further including a second time value, the second time value being greater than the
4 first time value.

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6 10. The method of claim 5 wherein the rendering step includes scrolling the
7 electronic document.

8
9 11. A method for rendering an electronic document to be displayed on a
10 networked display device, the method comprising:

11 retrieving the electronic document according to a network address;

12 determining if a first entry associated with the electronic document exists in a
13 data structure, the first entry including a first user interaction field and a first count;

14 if the first entry exists in the data structure, determining if the first user
15 interaction field appears on the electronic document;

16 if the first user interaction field appears on the electronic document, moving the
17 first user interaction field from a first current location on the electronic document to a
18 viewable portion of the display;

19 determining if the data structure includes a second entry associated with the
20 electronic document, the second entry including a second user interaction field and a
21 second count;

22 if the second entry exists in the data structure, determining if the second user
23 interaction field appears on the electronic document; and,

24 if the second user interaction field appears on the electronic document, moving
25 the second user interaction field from a second current location on the page to the
26 viewable portion of the display, wherein the second user interaction field is displayed
27 above the first user interaction field if the second count is greater than the first count.

28
29 12. A method for storing user interaction habits with an electronic document,
30 the method comprising:

31 getting a first user interaction with the electronic document;

32 getting a network address associated with the electronic document;

33 determining if the first user interaction is a first user interaction type;

34 if the first user interaction is the first user interaction type, getting at least an

1 electronic document element datum associated with the first user interaction;
2 storing the electronic document element datum in a first user interaction type
3 data file; and
4 storing a first count associated with the electronic document element datum.
5

6 13. The method of claim 12 wherein the first user interaction type is selected
7 from the group consisting of interaction with a table, interaction with a link, interaction
8 with a data entry field, and scrolling.
9

10 14. The method of claim 12 further comprising steps, after the storing a first
11 count step, of:

12 getting a second user interaction with the electronic document;
13 determining if the second user interaction is the first user interaction type;
14 if the second user interaction is not the first user interaction type;
15 evaluating if the second user interaction is a second user interaction type;
16 if the second user interaction is the second user interaction type;
17 getting at least a second electronic document element datum associated with the
18 second user interaction;
19 storing the second electronic document element datum in a second user
20 interaction type data file; and
21 incrementing a second count associated with the second electronic document
22 element datum.
23

24 15. The method of claim 12 further comprising steps, after the storing a first
25 count step, of:

26 getting a second user interaction with the page;
27 determining if the second user interaction is the first user interaction type;
28 if the second user interaction is the first user interaction type of user interaction;
29 getting at least a second electronic document element datum associated with the second
30 user interaction;
31 storing the second electronic document element datum in the first user
32 interaction type data file; and
33 incrementing a second count associated with the second electronic document
34 element datum.

1
2 16. A configurable client computer for use in a client-server computer system,
3 the client computer comprising:
4 a display; and
5 a browser capable of rendering electronic documents to the display, the browser
6 being capable of accessing user habit data in association with electronic document
7 address data, and
8 a renderer capable of rendering a selected electronic document to the display
9 according to the user habit data.

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11 17. The configurable client computer of claim 16 further comprising a page
12 renderer file configured to store the user habit data.

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14 18. The configurable client computer of claim 16 wherein the display is
15 capable of displaying, at most, a number of lines less than a number of lines of the
16 selected electronic document.

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18 19. The configurable client computer of claim 16 wherein the renderer renders
19 the selected electronic document to the display by repositioning the selected electronic
20 document to display a page location at a top portion of the display.

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22 20. The configurable client computer of claim 16 wherein the renderer renders
23 the selected electronic document to the display by rearranging elements of the selected
24 electronic document to display a page location at a top portion of the display.